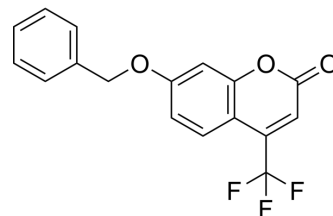


7-Benzyloxy-4-(trifluoromethyl)coumarin

| | |
|--------------------|---|
| Cat. No.: | HY-W267897 |
| CAS No.: | 220001-53-6 |
| Molecular Formula: | C ₁₇ H ₁₁ F ₃ O ₃ |
| Molecular Weight: | 320.26 |
| Target: | Cytochrome P450 |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

7-Benzyloxy-4-(trifluoromethyl)coumarin (7-BFC) is a coumarin fluorescent substrate. 7-Benzyloxy-4-(trifluoromethyl)coumarin is a substrate for cDNA-expressed CYP1A2 and CYP3A4 and is metabolized to 7-hydroxy-4-trifluoromethylcoumarin (HFC). 7-Benzyloxy-4-(trifluoromethyl)coumarin is used for rapid CYP isoform metabolism and inhibition screening studies^[1].

REFERENCES

[1]. A B Renwick, et al. Metabolism of 7-benzyloxy-4-trifluoromethyl-coumarin by human hepatic cytochrome P450 isoforms. *Xenobiotica*. 2000 Oct;30(10):955-69.

Caution: Product has not been fully validated for medical applications. For research use only.

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